



# NITFS Compliance Registration



**Product:** Active Earthscape, Increment 2

**Sponsor:** National Geospatial-Intelligence Agency

**Developer:** Harris Corporation

**Date:** 28 October 2008

**Expiration:** 27 October 2010

**Registration #:** 1035

- ☐ Initial Registration  
☒ Supplemental/Update #  
☐ Derived from Reg. #

Complexity Level							
NITF 2.1 CLEVEL							
	3		5	6	7		
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Other
Interpret							
Generate							

**Configurations Tested:**  
-Dual Core 3 GHz Xeon 5100

☒ **System**  
N-0105/98, §4.1.1

☐ **Product**  
N-0105/98, §4.1.2

☐ **Component**  
N-0105/98, §4.1.3

\*\* NITF 2.0 feature  
\* NITF 2.1 feature

## NITFS Features Implemented:

### Format

#### NITF

- ☒ V2.1  
☐ V2.0  
☐ V1.1

#### NSIF

- ☐ V1.0

### Pixel Value Types

- ☐ Boolean  
☒ Integer  
☐ Signed Integer \*  
☐ IEEE Real \*  
☐ IEEE Complex \*

### Annotation Segment Types

- ☐ Bit Mapped \*\*  
☐ CGM, 2301  
☐ CGM, 2301A  
☐ Labels \*\*

### Text Segments

- ☒ STA  
☐ UT1  
☐ U8S  
☐ MTF

### Image Segment Types

- ☒ MONO  
☒ RGB  
☐ RGB/LUT  
☐ YCbCr  
☒ MULTI  
☐ NODISPLY  
☐ POLAR

### Image Compression

- ☒ Not Compressed  
☐ JPEG Lossy, 8-bit  
☐ JPEG Lossy, 12-bit  
☐ JPEG Downsample  
☐ JPEG Lossless  
☒ JPEG 2000  
☐ Bi-Level  
☐ Vector Quantization

### Data Extension Segments

- ☐ TRE\_OVERFLOW  
☐ STREAMING\_FILE\_HEADER  
☐ Controlled Extensions \*\*  
☐ Registered Extensions \*\*

### Tagged Record

#### Extensions

- ☒ HISTOA  
☒ J2KLRA  
☒ PRODHA  
- DIGEST TREs  
- ACCHZB  
- BNDPLB  
- GEOLOB  
- GEOPLSB  
- MAPLOB  
- PRJPBSB

#### Legend

- Interpret  
Generate  
☒ Fully implemented  
☒ Partially implemented  
☐ Not implemented

*Curtis L. Green, Lt Col, USAF*

CURTIS L. GREEN, Lt Col, USAF, Division  
Chief

Joint Interoperability Test Command  
Executive Agent to National Geospatial-  
Intelligence Agency for the NITFS Test and  
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.  
Potential users should evaluate the detailed test results to determine the suitability of  
a product for the intended use. Optional NITFS features may not be implemented.